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The Society of the
Plastics Industry, Inc.



Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED

NOVEMBER 31, 1989

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

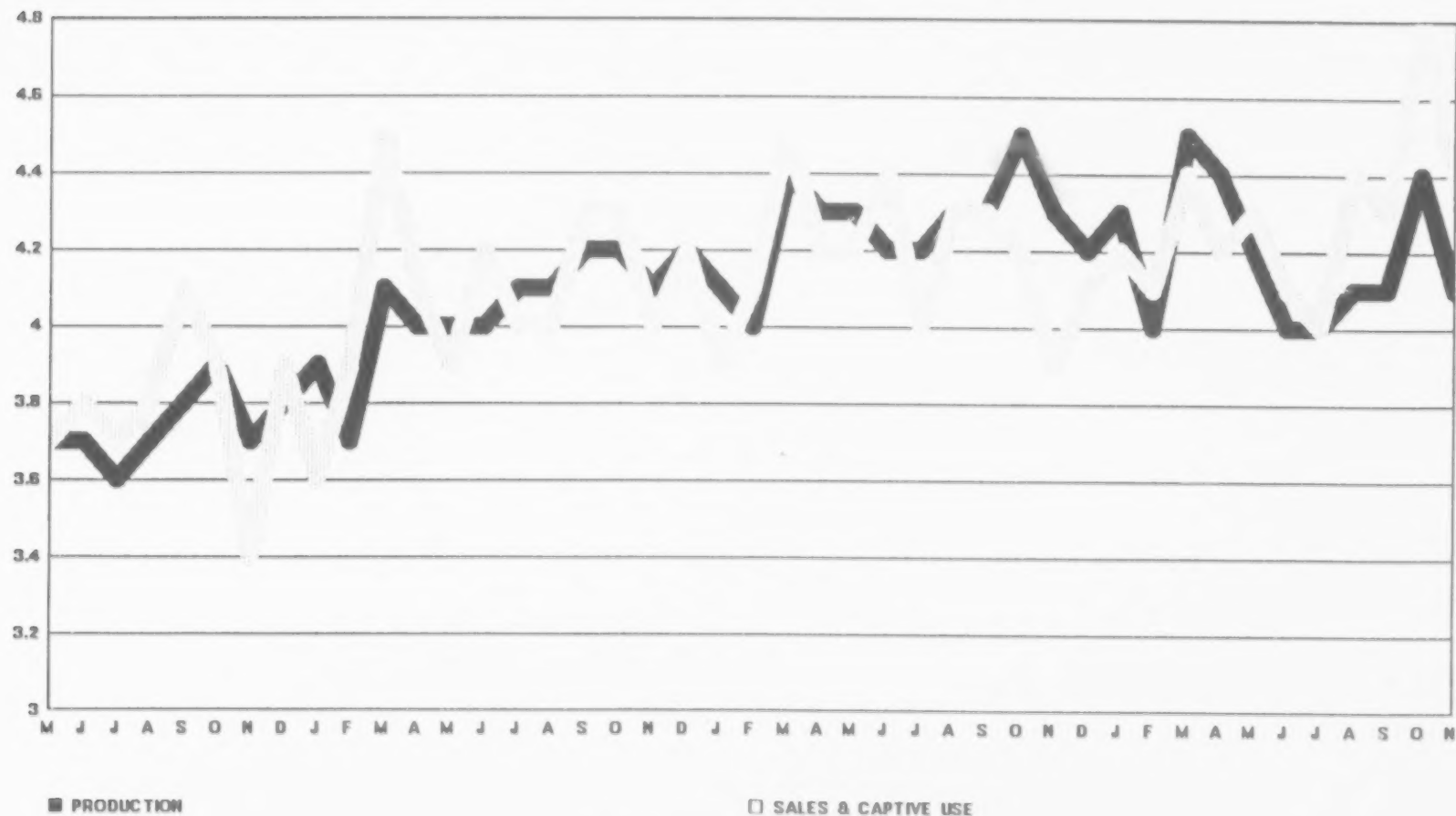
Release Date: JANUARY 23, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

NOVEMBER 1989



SECTION I

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

NOVEMBER 1989

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	34,740	36,554	-5.0	445,727	433,494	2.8	45,576	39,841	14.4	474,351	438,622	8.1
POLYESTER (UNSATURATED) RESINS, TOTAL	97,737	108,859	-10.2	1,219,418	1,299,552	-6.2	100,502	108,778	-7.6	1,241,248	1,307,375	-5.1
UREA RESINS, TOTAL	122,275	112,048	9.1	1,339,032 R	1,235,852	8.3	124,313	112,733	10.3	1,348,708 R	1,310,575	2.9
MELAMINE RESINS, TOTAL	16,440	18,068	-9.0	205,032 R	185,976	10.2	17,639	19,136	-7.8	212,103	190,535	11.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	228,112	237,552	-4.0	2,524,319 R	2,796,982	-9.7	226,040	236,044	-4.2	2,640,465 R	2,793,010	-5.5
THERMOSETTING RESINS, TOTAL	499,304	513,081	-2.7	5,733,528 R	5,951,856	-3.7	514,070	516,532	-0.5	5,916,875 R	6,040,117	-2.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	1,012,046	834,353	N/C	9,886,893	9,264,557	N/C	825,043	902,489	-8.6	8,936,920	9,483,650	-5.8
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	736,643	615,777	19.6	7,598,667	7,444,430	2.1	675,560	724,874	-6.8	7,523,586	7,715,226	-2.5
POLYPROPYLENE, TOTAL	623,550	535,914	16.4	6,712,505	6,543,377	2.6	577,095	624,920	-7.7	6,762,265	6,734,088	0.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	85,158	107,965	-21.1	1,133,100 R	1,181,410	-4.1	71,285	99,130	-28.1	1,175,341 R	1,163,927	1.0
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,997	11,986	-41.6	99,691 R	135,084	-26.2	6,323	13,138	-51.9	104,707	136,939	-23.5
POLYSTYRENE RESINS, TOTAL	444,938	390,834	13.8	4,777,576 R	4,660,137	2.5	431,192	432,586	-0.3	4,783,604	4,763,856	0.4
STYRENE BASED LATEXES, TOTAL ***	86,000	81,771	5.2	954,836	921,538	3.6	87,189	79,787	9.3	919,442	881,554	4.3
OTHER STYRENICS, TOTAL (40% or More Styrene)	11,267	14,251	-20.9	141,275 R	166,099	-14.9	8,934	15,095	-40.8	128,152	169,039	-24.2
NYLON RESINS (6)	49,342	51,126	-3.5	539,215	523,807	2.9	42,861	52,326	-18.1	520,044 R	511,201	1.7
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	727,789	643,993	13.0	7,844,263 R	7,597,932	3.2	740,283	695,111	6.5	7,870,951	7,647,634	2.9
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	15,631	16,614	-5.9	182,926 R	191,114	-4.3	17,490	19,484	-10.2	202,434 R	202,554	-0.1
THERMOPLASTIC POLYESTER, TOTAL (6)	145,872	120,249	21.3	1,559,031 R	1,505,501	3.6	127,678	145,116	-12.0	1,485,196 R	1,522,719	-2.5
THERMOPLASTIC RESINS, TOTAL	3,945,233	3,424,833	15.2	41,429,978 R	40,134,986	3.2	3,610,933	3,804,056	-5.1	40,412,642 R	40,932,387	-1.3
GRAND TOTAL	4,444,537	3,937,914	12.9	47,163,506 R	46,086,842	2.3	4,125,003	4,320,588	-4.5	46,329,517 R	46,972,504	-1.4

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

(3) = The publishing of PVOM data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.

(6) = Data includes Sales from Imports.

D = Disclosure.
R = Revision.Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)
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SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	34,740	36,554	-5.0	445,727	433,494	2.8	45,576	39,841	14.4	474,351	438,622	8.1
Total Exports	5,275	7,531	-30.0	77,320	86,972	-11.1						
Captive Use, Total	1,482	1,451	2.1	16,837	13,932	20.9						
Domestic Sales, Total	27,983	27,572	1.5	351,570	332,590	5.7						
Domestic Sales & Captive Use, Total	29,465	29,023	1.5	368,407	346,522	6.3						
Bonding & Adhesives	1,810	1,909	-5.2	22,978	21,172	8.5						
Flooring, Paving & Exposed Aggregate	1,729	1,828	-5.4	22,785	23,272	-2.1						
Protective Coatings	15,080	13,205	14.2	180,957	164,254	10.2						
Fiber Reinforced Lam. & Comp., Total	6,168	6,191	-0.4	77,514	76,965	0.7						
FRL&C for Printed Wiring Board	4,095	4,153	-1.4	53,141	52,371	1.5						
All Other FRL&C	2,073	2,038	1.7	24,373	24,594	-0.9						
Tooling, Casting & Molding Resins	2,083	2,485	-16.2	27,749	24,743	12.1						
All Other Uses	2,595	3,405	-23.8	36,424	36,116	0.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	97,737	108,859	-10.2	1,219,418	1,299,552	-6.2	100,502	108,778	-7.6	1,241,248	1,307,375	-5.1
Total Exports	1,663	1,447	14.9	22,886	14,157	61.7						
Total Domestic	96,074	107,412	-10.6	1,196,532	1,285,395	-6.9						
General Purpose Resins, Total	81,807	92,075	-11.2	1,030,262 R	1,115,951	-7.7						
General Purpose - Thixotropic	36,419	40,605	-10.3	454,854	514,671	-11.6						
General Purpose - Press Molding	11,384	11,005	3.4	127,547	127,686	-0.1						
General Purpose - All Other	34,004	40,465	-16.0	447,861 R	473,594	-5.4						
Flame Retardant Resins	2,170	2,383	-8.9	22,212 R	26,306	-15.6						
Chemical Resistant Resins	12,097	12,954	-6.6	144,058 R	143,138	0.6						
Chemical Resistant Isophthalic Resins	9,058	10,224	-11.4	108,314 R	105,283	2.9						
All Other Chemical Resistant Resins	3,039	2,730	11.3	35,744	37,855	-5.6						
Reinforced Plastics, Total	69,094	80,977	-14.7	885,814	980,045	-9.6						
Non-Reinforced Plastics, Total	26,980	26,435	2.1	310,718	305,350	1.8						

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

R = REVISION

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SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In Thousands of Pounds, Dry Weight Basis)(1)CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
UREA RESINS, TOTAL	122,275	112,048	9.1	1,339,032 R	1,235,852	8.3	124,313	112,733	10.3	1,348,708 R	1,310,575	2.9
MELAMINE RESINS, TOTAL	16,440	18,068	-9.0	205,032 R	185,976	10.2	17,639	19,136	-7.8	212,103	190,535	11.3
UREA & MELAMINE RESINS, TOTAL	138,715	130,116	6.6	1,544,064 R	1,421,828	8.6	141,952	131,869	7.6	1,560,811 R	1,501,110	4.0
Total Exports	D1	D1		D1	D1							
Total Domestic	138,715	130,116	6.6	1,544,064	1,421,828	8.6						
Textile Treating & Coating Resins	1,931	2,049	-5.8	24,167 R	25,710	-6.0	2,556	3,096	-17.4	30,837 R	32,476	-5.0
Paper Treating & Coating Resins	4,906	4,394	11.7	55,340	49,293	12.3	5,236	4,776	9.6	56,456	52,328	7.9
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	109,753	102,743	6.8	1,237,072	1,136,784	8.8	110,052	102,384	7.5	1,231,348	1,134,275	8.6
Laminating	4,446	4,300	3.4	68,726	38,582	78.1	3,848	3,805	1.1	58,983	36,685	60.8
Plywood	4,545	3,856	17.9	61,447	46,362	32.5	4,694	3,904	20.2	62,979	48,287	30.4
Fibrous & Granulated Wood (Particle Board)	100,762	94,587	6.5	1,106,899	1,051,840	5.2	101,510	94,675	7.2	1,115,386	1,112,303	0.3
Protective Coatings (Straight & Modified)	8,654	9,673	-10.5	100,882	102,357	-1.4	10,950	11,362	-3.6	125,901	118,117	6.6
All Other Uses	13,471	11,257	19.7	126,603	107,684	17.6	13,158	10,251	28.4	116,269	100,914	15.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	228,112	237,552	-4.0	2,524,319 R	2,796,982	-9.7	226,040	236,044	-4.2	2,640,465 R	2,793,010	-5.5
Total Exports	1,767	1,633	8.2	16,882 R	20,275	-16.7						
Total Domestic	226,345	235,919	-4.1	2,507,437 R	2,776,707	-9.7						
Molding Compounds	14,274	16,440	-13.2	164,593	175,771	-6.4	13,798	16,729	-17.5	174,401	187,001	-6.7
Bonding & Adhesive Resins for:	207,221	214,876	-3.6	2,301,254 R	2,511,852	-8.4	206,549	215,073	-4.0	2,418,892 R	2,516,198	-3.9
Laminating	17,213	16,604	3.7	202,221 R	197,164	2.6	16,406	16,529	-0.7	202,333 R	194,343	4.1
Coated & Bonded Abrasives	1,200	2,046	-41.3	21,450 R	20,423	5.0	1,992	2,064	-3.5	23,104 R	20,548	12.4
Friction Materials	3,583	2,960	21.0	38,170 R	34,264	11.4	2,540	3,138	-19.1	37,543 R	34,658	8.3
Insulation Materials	30,561	45,987	-33.5	384,125 R	456,600	-15.9	30,494	45,103	-32.4	382,376 R	454,453	-15.9
Foundry & Shell Molding	6,863	3,918	75.2	52,836 R	48,399	9.2	7,421	4,042	83.6	51,988 R	48,760	6.6
Plywood	116,822	116,113	0.6	1,233,048 R	1,440,014	-14.4	116,439	115,810	0.5	1,300,787 R	1,440,345	-9.7
Fibrous & Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	690	1,564	-55.9	12,422 R	17,874	-30.5	769	2,688	-71.4	13,088 R	25,736	-49.1
All Other	30,289	25,684	17.9	356,982 R	297,114	20.1	30,488	25,699	18.6	407,673 R	297,355	37.1
Protective Coatings - Unmodified & Modified	1,937	1,666	16.3	12,487 R	19,500	-36.0	3,224	1,668	93.3	13,470 R	19,521	-31.0
Resins Sold to Rubber Ind., Non-Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	2,913	2,937	-0.8	29,103 R	69,584	-58.2	2,469	2,574	-4.1	33,702 R	70,290	-52.1

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.
R = REVISION

(1) = Except phenolic resins which are reported on a gross weight basis.

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	1,012,046	834,353	N/C	9,886,893	9,264,557	N/C	899,664	N/A		9,641,515 R	N/A	
Total Imports							74,621	N/A		704,595 R	N/A	
Total Exports	114,445	58,978	94.0	990,623	839,812	18.0						
Total Domestic	897,601	775,375	N/C	8,896,270	8,424,745	N/C	825,043	902,489	-8.6	8,936,920	9,483,650	-5.8
Film (12 Mils & Below)	550,966	449,879	N/C	5,301,698	5,033,462	N/C						
Packaging Film	318,746	N/A		3,095,267	N/A							
Food Packaging Film	122,576	N/A		1,173,319	N/A							
Non-Food Packaging Film	151,409	N/A		1,484,840	N/A							
Shrink Film	13,602	N/A		134,533	N/A							
Stretch Film	31,159	N/A		302,575	N/A							
Non-Packaging Film	232,220	N/A		2,206,431	N/A							
Carry-Out Bags	29,971	N/A		334,267	N/A							
Trash and Can Liners	120,498	N/A		1,129,399	N/A							
Other Non-Packaging Film	81,751	N/A		742,765	N/A							
Sheet (Over 12 Mils)	8,320	D4		104,656	D4							
Injection Molding	81,034	60,616	N/C	797,412	672,322	N/C						
Injection Molded Lids	18,538	N/A		222,747	N/A							
Injection Molded Housewares	16,233	N/A		181,259	N/A							
Other Injection Molding	46,263	N/A		393,406	N/A							
Wire & Cable	29,140	31,662	N/C	348,706	353,607	N/C						
Extrusion Coating	69,435	66,895	N/C	662,123	702,516	N/C						
Blow Molding	8,316	6,958	N/C	83,539	69,436	N/C						
Pipe & Conduit, Total	5,467	11,119	N/C	60,702	59,475	N/C						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	7,785	13,560	N/C	93,783	166,338	N/C						
Rotomolding	23,166	N/A		214,281	N/A							
Resellers & Compounders, Total	58,686	46,970	N/C	645,175	534,473	N/C						
Resellers	41,133	N/A		468,271	N/A							
Compounders	17,553	N/A		176,904	N/A							
Adhesives and Sealants	8,048	N/A		103,641	N/A							
All Other Uses	47,238	87,716	N/C	480,554 R	833,116	N/C						

D4 = Disclosure: Included in Film.

(6) = 1989 Data Includes Sales from Imports.

N/A = Data not available.
N/C = Data not comparable.
D = Disclosure.
R = REVISION

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SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	736,643	615,777	19.6	7,598,667	7,444,430	2.1	675,560	724,874	-6.8	7,523,586	7,715,226	-2.5
Total Exports	73,438	41,842	75.5	844,050	598,042	41.1						
Total Domestic	663,205	573,935	15.6	6,754,617	6,846,388	-1.3						
Film (12 Mils & Below)	76,404	62,126	23.0	695,958	676,891	2.8						
Packaging Film	23,001	N/A		198,626 R	N/A							
Food Packaging Film	16,570	N/A		145,098	N/A							
Non-Food Packaging Film	6,431	N/A		53,528 R	N/A							
Non-Packaging Film	53,403	N/A		497,332	N/A							
Carry-Out Bags	24,090	N/A		243,313	N/A							
Trash and Can Liners	D9	N/A		D9	N/A							
Other Non-Packaging Film	29,313	N/A		254,019	N/A							
Sheet (Over 12 Mils)	28,435	26,606	6.9	286,176	254,607	12.4						
Injection Molding	131,605	126,029	4.4	1,313,151	1,538,346	-14.6						
Injection Molded Industrial Parts	43,982	N/A		414,120	N/A							
Injection Molded Housewares	15,616	N/A		147,840	N/A							
Injection Molded Food Tubs and Containers	20,932	N/A		221,562	N/A							
Crates & Totes	17,481	N/A		153,384	N/A							
Other Injection Molding	33,594	N/A		376,245	N/A							
Wire & Cable	10,145	10,536	-3.7	132,311	115,959	14.1						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	249,606	227,855	9.5	2,687,145	2,777,854	-3.3						
Motor Oil Bottles	18,651	N/A		210,415	N/A							
Liquid Food Bottles	79,939	N/A		826,767	N/A							
Household Chemical Bottles	81,984	N/A		834,642	N/A							
Large Containers	18,086	N/A		248,604	N/A							
Other Blow Molding	50,946	N/A		566,717	N/A							
Pipe & Conduit, Total	40,915	39,770	2.9	458,520	496,804	-7.7						
Corrugated Pipe & Conduit	7,430	6,145	20.9	88,538	107,003	-17.3						
Non-Corrugated Pipe & Conduit	33,485	33,625	-0.4	369,982	389,801	-5.1						
Other Extruded Products	6,901	5,298	30.3	61,479	83,563	-26.4						
Rotomolding	7,163	N/A		65,613	N/A							
Reseters & Compounders, Total	62,904	41,659	51.0	722,528	573,797	25.9						
Reseters	52,791	N/A		627,191	N/A							
Compounders	10,113	N/A		95,337	N/A							
All Other Uses	49,127	34,056	44.3	331,736	328,567	1.0						

D5 = Disclosure: Included in Other Extruded Products.
D9 = Disclosure: Included in Other Non-Packaging Film.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

N/A = Not Available.
R = REVISION
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NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYPROPYLENE, TOTAL	623,550	535,914	16.4	6,712,505	6,543,377	2.6	577,095	624,920	-7.7	6,762,265	6,734,088	0.4
Total Exports	133,471	65,817	102.8	1,064,360	1,113,685	-4.4						
Total Domestic	490,079	470,097	4.3	5,648,145	5,429,692	4.0						
Injection Molding	143,232	140,498	1.9	1,659,929	1,578,801	5.1						
Appliances	11,814	12,591	-6.2	149,395	136,403	9.5						
Consumer Products	49,157	32,345	52.0	520,572	384,256	35.5						
Rigid Packaging	47,683	46,388	2.8	570,491	565,555	0.9						
Transportation	18,909	30,596	-38.2	255,359	286,661	-10.9						
All Other Injection Molding	15,669	18,578	-15.7	164,112	205,926	-20.3						
Blow Molding	13,031	10,032	29.9	119,280	122,276	-2.5						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 MILS & Below)	46,139	46,148	0.0	530,504	541,087	-2.0						
Oriented Film	35,546	N/A		408,083	N/A							
Non-Oriented Film	10,593	N/A		122,421	N/A							
Sheet (Over 10 MILS)	10,655	11,414	-6.6	118,693	114,620	3.6						
Extrusion Coating	D5	D		D5	D							
Wire & Cable	D5	D		D5	D							
Fiber & Filaments	141,809	148,578	-4.6	1,825,158	1,698,227	7.5						
Textile Applications, Total	133,555	137,967	-3.2	1,730,969	1,600,882	8.1						
Nonwovens	44,611	N/A		487,626	N/A							
Monofilaments and Multifilament Fibers	36,372	N/A		695,865	N/A							
Slit Film Fibers	52,572	N/A		547,478	N/A							
Non-Textile Monofilaments	8,254	10,611	-22.2	94,189	97,345	-3.2						
Pipe & Conduit	D5	D5		D5	D5							
Other Extruded Products	6,713	7,352	-8.7	88,376	94,746	-6.7						
Resellers, Distributors, & Compounders, Total	118,768	99,844	19.0	1,235,825	1,211,583	2.0						
Resellers & Distributors	77,670	70,403	10.3	833,775	886,857	-6.0						
Compounders	41,098	29,441	39.6	402,050	324,726	23.8						
All Other Uses	9,732	6,231	56.2	70,380	68,352	3.0						

D5 = Disclosure: Included in Other Extruded Products.

N/A = Data not available.

D = Disclosure

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS(CRS)

D = Disclosure.
R = Revision.

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYSTYRENE RESINS, TOTAL	444,938	390,834	13.8	4,777,576 R	4,660,137	2.5	431,192	432,586	-0.3	4,783,604	4,763,856	0.4
Straight Polystyrene	246,865	213,244	15.8	2,576,745 R	2,494,067	3.3	229,654	237,826	-3.4	2,574,449	2,495,218	3.2
Rubber-Modified Polystyrene	198,073	177,590	11.5	2,200,831 R	2,166,070	1.6	201,538	194,760	3.5	2,209,155	2,268,638	-2.6
Exports Total	17,402	8,923	95.0	200,491 R	147,061	36.3						
Straight Polystyrene	9,637	6,542	47.3	110,115 R	107,713	2.2						
Rubber-Modified Polystyrene	7,765	2,381	226.1	90,376 R	39,348	129.7						
Domestic Total	427,536	381,911	11.9	4,577,085 R	4,513,076	1.4						
Molding	169,647	142,087	19.4	1,741,112 R	1,713,910	1.6						
Extrusion	173,318	165,631	4.6	2,043,423 R	2,030,031	0.7						
Expandable Polystyrene Beads	65,703	55,872	17.6	639,083	537,109	19.0						
Block	26,782	25,395	5.5	248,631	257,599	-3.5						
Shape	16,021	12,722	25.9	140,646	130,721	7.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	22,900	17,755	29.0	249,806	148,789	67.9						
All Other Uses	18,868	18,321	3.0	153,467	232,026	-33.9						
Polystyrene End Uses Total	427,536	381,911	11.9	4,577,085 R	4,513,076	1.4						
Packaging	51,106	65,085	-21.5	706,973 R	916,010	-22.8						
Disposable Food Serviceware	85,232	71,437	19.3	889,722 R	853,587	4.2						
Consumer and Inst. Products	38,714	56,186	-31.1	558,504 R	698,102	-20.0						
Electrical/Electronics	56,435	50,169	12.5	570,183 R	522,093	9.2						
Furniture, Furn., Bulding & Const.	25,502	24,706	3.2	280,372 R	273,982	2.3						
Expandable Polystyrene Beads	65,703	55,872	17.6	639,600	537,109	19.1						
Resellers and Compounders	43,243	34,937	23.8	474,184 R	462,888	2.4						
All Other End Uses	61,601	23,519	161.9	457,547 R	249,305	83.5						

D6 = Disclosure: Included in Other EPS.

R = REVISION

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	85,158	107,965	-21.1	1,133,100 R	1,181,410	-4.1	71,285	99,130	-28.1	1,175,341 R	1,163,927	1.0
SAW (STYRENE-ACRYLONITRILE-BUTADIENE), TOTAL	6,997	11,986	-41.6	99,691 R	135,084	-26.2	6,323	13,138	-51.9	104,707	136,939	-23.5
Total Exports	829	4,955	-83.3	29,626	50,721	-41.6						
Total Domestic	6,168	7,031	-12.3	70,065 R	84,363	-16.9						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	11,267	14,251	-20.9	141,275 R	166,099	-14.9	8,934	15,095	-40.8	128,152	169,039	-24.2
ABS, SAW, & OTHER STYRENICS, TOTAL	103,422	134,202	-22.9	1,374,066 R	1,482,593	-7.3	86,542	127,363	-32.1	1,408,200 R	1,469,905	-4.2
Total Exports	N.R.1	N.R.1		N.R.1	N.R.1							
Total Domestic	103,422	134,202	-22.9	1,374,066 R	1,482,593	-7.3						
Electrical/Electronic	N.R.2	N.R.2		N.R.2	N.R.2							
Building and Construction	9,789	13,856	-29.4	129,342 R	134,640	-3.9						
Transportation	29,472	31,112	-5.3	352,333 R	327,160	7.7						
Consumer/Institutional	N.R.2	N.R.2		N.R.2	N.R.2							
All Other	64,161	89,234	-28.1	892,391 R	1,020,793	-12.6						
STYRENE BASED LATEXES, TOTAL ***	86,000	81,771	5.2	954,836	921,538	3.6	87,189	79,787	9.3	919,442	881,554	4.3
Paper Treating	2,514	2,114	18.9	26,261	27,775	-5.4						
Textile Treating	892	878	1.6	10,322	10,649	-3.1						
Carpet Backing	32,408	30,633	5.8	354,574	352,690	0.5						
All Other Uses (Incl. Exports & Paper Coating)	50,186	48,146	4.2	563,679	530,426	6.3						
NYLON RESINS, TOTAL (6)	49,342	51,126	-3.5	539,215	523,807	2.9	N/A	N/A		N/A	N/A	
Total Imports							N/A	N/A		N/A	N/A	
Total Exports	6,006	7,397	-18.8	71,644	71,181	0.7						
Total Domestic	43,336	43,729	-0.9	467,571	452,626	3.3	42,861	52,326	-18.1	520,044 R	511,201	1.7
Injection Molding Grade	26,646	25,301	5.3	281,132	266,843	5.4						
Extrusion Grade	13,063	12,614	3.6	138,343	137,306	0.8						
Resellers and Compounders	2,825	4,617	-38.8	34,987	34,596	1.1						
All Other Uses	802	1,197	-33.0	13,109	13,881	-5.6						

N.R.1 = Not Reported: Included in Total Domestic and in All Other.

N.R.2 = Not Reported: Included in All Other.

*** = Styrene Based Latexes sales include some Canadian produced material.

(6) = Includes Sales from Imports.

N/A = Not Available.
R = Revision.

SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	727,789	643,993	13.0	7,844,263 R	7,597,932	3.2	740,283	695,111	6.5	7,870,951	7,647,634	2.9
Homopolymer Resins Including Blending & Latex	668,820	587,527	13.8	7,175,424 R	6,966,775	3.0	674,486	636,305	6.0	7,197,657	7,019,114	2.5
Copolymer Resins Including Blending & Latex	15,761	16,814	-6.3	200,695	194,891	3.0	20,709	16,492	25.6	201,227	194,494	3.5
Dispersion	43,208	39,652	9.0	468,144	436,266	7.3	45,088	42,314	6.6	472,067	434,026	8.8
Total Exports	116,838	40,424	189.0	821,993 R	460,262	78.6						
Total Domestic	610,951	603,569	1.2	7,022,270	7,137,670	-1.6						
Calendering, Total	73,360	69,439	5.6	842,689	785,261	7.3						
Flooring	18,530	15,958	16.1	200,945	188,512	6.6						
Textile	8,119	8,453	-4.0	108,318	116,734	-7.2						
All Other Calendering Uses	46,711	45,028	3.7	533,426 R	480,015	11.1						
Coating, Total	28,488	31,591	-9.8	333,902	341,022	-2.1						
Flooring	12,571	13,714	-8.3	141,560	143,785	-1.5						
Textile & Paper Coating	8,120	9,300	-12.7	97,570	98,890	-1.3						
Protective Coating	4,311	4,188	2.9	47,195	50,782	-7.1						
Adhesives & All Other Coating Uses	3,486	4,389	-20.6	47,577	47,565	0.0						
Extrusion, Total	398,903	401,142	-0.6	4,697,805	4,820,041	-2.5						
Wire & Cable	30,860	36,439	-15.3	362,865	396,300	-8.4						
Film & Sheet, Packaging	26,201	26,113	0.3	314,522	306,637	2.6						
Film & Sheet, Non-Packaging	2,275	3,319	-31.5	45,750	39,413	16.1						
Siding & Access., & Mobile Home Skirts	60,276	50,947	18.3	715,988	640,285	11.8						
Rigid Pipe & Tubing (Except Fittings)	232,003	235,527	-1.5	2,745,171	2,948,933	-6.9						
All Other Extrusions	47,288	48,797	-3.1	513,509	488,473	5.1						
Molding, Total	42,764	41,575	2.9	481,317	505,529	-4.8						
Bottles	20,233	17,183	17.8	201,588	198,186	1.7						
Fittings (Rigid Pipe & Tubing)	9,059	12,829	-29.4	136,252	155,068	-12.1						
All Other Molding	13,472	11,563	16.5	143,477	152,275	-5.8						
Paste Processes (Except Coating)	14,238	13,845	2.8	162,024	152,627	6.2						
Plastisol Formulation	7,498	6,814	10.0	87,555	78,930	10.9						
All Other	6,740	7,031	-4.1	74,469	73,697	1.0						
Resellers and Compounders	26,729	33,550	-20.3	292,601	349,618	-16.3						
All Other Uses	26,469	12,427	113.0	211,932	183,572	15.4						

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R = REVISION

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
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CRS
NOVEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
VINYL ACETATE MONOMER (2) FOR POLYVINYL ACETATE, TOTAL												
Total Exports												
Total Domestic												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
Total Exports	D	D		D	D							
Total Domestic	D	D		D	D							
OTHER VINYL RESINS, TOTAL (4)	15,631	16,614	-5.9	182,926 R	191,114	-4.3	17,490	19,484	-10.2	202,434 R	202,554	-0.1
Total Exports	5,399	4,338	24.5	65,183 R	60,595	7.6						
Total Domestic	10,232	12,276	-16.7	117,743 R	130,519	-9.8						
THERMOPLASTIC POLYESTER, TOTAL (6)	145,872	120,249	21.3	1,559,031 R	1,505,501	3.6	127,678	145,116	-12.0	1,485,196 R	1,522,719	-2.5
Total Exports	20,096	13,102	53.4	266,771 R	210,409	26.8						
Total Domestic	125,776	107,147	17.4	1,292,260	1,295,092	-0.2						
PET Bottle Grades	85,371	69,652	22.6	867,146	868,992	-0.2						
All Other Thermoplastic Polyester (5)	40,405	37,585	7.5	425,114	426,100	-0.2						

- (2) = The publishing of PVAC data has been suspended.
 (3) = The publishing of PVOH data has been suspended.
 (4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.
 (5) = Includes all other PET and all injection molding grades.
 (6) = 1989 Data Includes Sales from Imports.

D = Disclosure.
N/A = Not Available.